

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03F1/32 H03G3/30 H03G3/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03F H03G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 348 062 A (SIMOCO INT LTD) 20 September 2000 (2000-09-20)	1,2,4,5, 8-11,13, 14
Y	page 12, line 29 -page 15, line 14; figure 1	3,12
Y	US 2001/022532 A1 (DOLMAN GRAHAM AINSLEY) 20 September 2001 (2001-09-20)	3,12
A	page 8, right-hand column, line 22-38; figure 3	6,7
X	US 2002/193086 A1 (BAUERNSCHMITT RUDIGER ET AL) 19 December 2002 (2002-12-19)  page 2, left-hand column, line 42 -page 3, left-hand column, line 3; figures 2A,2B  -/--	1,2,4,5, 8-11,13, 14



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

12 December 2003

Date of mailing of the international search report

22/12/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/158622 A1 (HILLIER ADRIAN PAUL ET AL) 31 October 2002 (2002-10-31)  page 6, left-hand column, line 55 -right-hand column, line 33; figure 1 -----	1,2,4,5, 8-11,13, 14
X	EP 0 598 585 A (LINEAR MODULATION TECH) 25 May 1994 (1994-05-25)  page 3, line 45 -page 6, line 31; figure 1 -----	1,2,4,5, 8-11,13, 14
A	WO 03 019773 A (LEATHER PAUL ;GASS JOHN (GB); ERICSSON TELEFON AB L.M (SE); BJOERK) 6 March 2003 (2003-03-06) page 8, right-hand column, line 22-38; figure 3 -----	1-14

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/04526

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GB 2348062	A	20-09-2000	AU	3306700 A	09-10-2000
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